

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)



REC'D 02 MAY 2006

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Applicant's or agent's file reference PX05101/PCT	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No. PCT/KR2005/000289	International filing date(day/month/year) 01 FEBRUARY 2005 (01.02.2005)	Priority date (day/month/year) 18 FEBRUARY 2004 (18.02.2004)	
International Patent Classification (IPC) or national classification and IPC G06F 19/00(2006.01)i			
Applicant LEE, Hyo-Seung			

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>	
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>	

Date of submission of the demand 20 SEPTEMBER 2005 (20.09.2005)	Date of completion of this report 25 APRIL 2006 (25.04.2006)
Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer LEE, Jung Suk Telephone No. 82-42-481-5789 

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Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☒ This report is based on translations from the original language into the following language English which is the language of a translation furnished for the purposes of:
 - ☐ international search (under Rules 12.3 and 23.1(b))
 - ☒ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the **elements** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
 - ☒ the international application as originally filed/furnished
 - ☐ the description:
 - pages _____ as originally filed/furnished
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
 - ☐ the claims:
 - pages _____ as originally filed/furnished
 - pages* _____ as amended (together with any statement) under Article 19
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
 - ☐ the drawings:
 - pages _____ as originally filed/furnished
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
 - ☐ the sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:
 - ☐ the description, pages _____
 - ☐ the claims, Nos. _____
 - ☐ the drawings, sheets _____
 - ☐ the sequence listing (*specify*): _____
 - ☐ any table(s) related to sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - ☐ the description, pages _____
 - ☐ the claims, Nos. _____
 - ☐ the drawings, sheets _____
 - ☐ the sequence listing (*specify*): _____
 - ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 7-10	YES
	Claims 1-6	NO
Inventive step (IS)	Claims	YES
	Claims 1-10	NO
Industrial applicability (IA)	Claims 1-10	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

The following documents have been considered for the purpose of this written opinion:

D1 : KR 2003-96131 A

D2 : KR 2003-28789 A

D1 and the present invention are applied for by the same applicant. The subject matter of D1 is about a device and a method for preventing the product reproduction using the ALP, which are composed of an external electric/electronic controlling device and the ALP chipset.

And in the ALP chipset, an external interface device interfacing with the external controlling device and the interface output are wired to a ROM table and an operation device. The output of the operation device is connected to the external interface device by a result value output device, and is connected to an external CPU.

The subject matter of D2 is about a system and a method for passport certification using an RFID technology, which are composed of a passport embedding with an RFID device, a RFID reader, a terminal, and a passport management server.

D2 provided to perform the passport certification by confirming the passport information in real time after transmitting the RFID information recognized by an RFID reader to a passport management server.

Novelty:

Claims 1-6 of the present invention relate to a copy preventing device and copy preventing method thereof which is capable of preventing copy illegally of products using a semiconductor stored a password therein by ALPU and random number.

But prior arts D1 disclose the same technology that is provided to disable operation if an ALP chipset is not existed in a product manufactured by an external manufacturing company, and to easily check the ALP chipset embedded in the product.

Therefore, novelty of Claims 1-6 can not be acknowledged.

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

BOX V.

Inventive Step:

Since Claims 1-6 of the present invention is not considered to involve novelty, the claims 1-6 of the present invention lack an inventive step.

And Claims 7-10 of the present invention relate to a device and method thereof which is capable of transmitting the signal of ALPU RFIC recognized by an RFID reader to RFID control server. And the ALPU RFIC is composed of RFIC and ALPU with ECC(Error Correction Code).

But prior arts D2 disclose the similar technology that are provided to perform the passport certification by transmitting the RFID information recognized by an RFID reader to a passport management server.

ECC described in claims 9, 10 is familiar to a skilled person in the art and they are not particular technical features.

Thus, a skilled person can easily invent the device of claims 7-10 by the combination of D1&D2.

Finally, the inventive step of the claims 1-10 of the present invention is not acknowledged.

Industrial Applicability:

All claims are considered to be industrially applicable.